ACE/880/SBR109/14-15 dt 21-7-14

M. A. R. 57 (Rule 116)

Measurement Book BR379/21-7-14 No. B 180400

Serial No. I/c Earth bund

Name of work Updated Estimate of Construction of Culverts Roadside

Name of Contractor of nature of Agency M/s KRCDL measured IST Record on Road

Date of commencement of work Technical Manager/Road

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code: 013-11-N-0-6-K-Co-003						
	Job code: 013-11-00005						
	Work Order: CC/DD/21/179				11-14	26-3-6	
	Date of award: 21-7-14						
1)	CC for Construction of Boundary Culverts US 5d and Retaining Walls either on pile or on Boundary 1.5 M wherever on rocky or Sand not encountered 1.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremer
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in depth including [illegible] of pcc and [illegible] steel bar edges & excavation [illegible] of soil complete						
						166.18 Qm	
				180/24/1		1760 Kg	HML524-
2)	providing and laying in position PCC & nominal mix 1:4:8 using 40 mm dia graded granite metal including mixing, laying, compacting, curing etc complete including cost of all materials etc						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180413

erial No. .....

ame of work ..... From ..... To .....

ame of Contractor of nature of Agency.....

ate of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty wk		TH3	20-64 @	
					180495/2	3349.08/a	@ 6895.95 —
2)	providing and constructing					grade RS M	as shown
	with CM (1/6 edged & flow					Ishaped to	
	rotlok bricks laid in					bond	
	in each course including					& two	apart
			Qty wk		TH3	16 Sqm	
					180480/1	Ft. Ht.	4342
						@ 505-36/	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	providing and laying in position PCC M [illegible] Class 20mm dia aggregate Hand Mixed Concrete bed in layers not exceeding 15cm thick well Compacted in trenches and plinth including cost of all materials labour Hoisting lowering etc complete						
		Qty and		THB			
				1804.85/1		3.11 cu m	13866
						4398.00	
5)	providing Plain pointing with CM 1:3 20mm thick + 20mm neatly curing including cost of materials labour carriage complete	to command deep all working levels including cost of materials					
		Qty and		THB		28.14 sq m	1570
				1804.85/2		@ 66.42	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 180411

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
(a)	Providing and laying CC using 20mm thk granite gitti of RHC & RCC works laid in 1:5:10 Flush laying & vibrating compacted machine Curing, finishing works. machine cut joints of RCC works and Leaving holes to embedded pumping of concrete with all lead & lifts etc complete						
	Qty as THB						
	1804876					411.75 cu.m @ 4491-77 ea	1847459-
(b)	Providing THT steel reinforcement to RCC works including transporting cutting, bending, laying						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Supply of valley [illegible] to be approved makeup where necessary complete as per design (Supply hauls and carriage shall not be measured & paid) Cost of Materials Labour						
	Qty as Trip					37.60 Qty	16446
	150486 kg @ 5204=72						
8)	Disposal of debris to be taken place of disposed with all lead & lift as directed by Engr.						
	Qty as per Item (1)					166.08 cft	4075=
	@ 72-716						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of the CC (1:1/2:3						
	Part Lacey Road						
	Ways etc complete						
	Iced Footpath	1	30.00	0.90	—	27.00	
	Thamy to Road	1	30.00	0.90	—	27.00	
	RIs	1	8.00	0.91	—	16.20	
	Raised Slab	45	0.60	0.90	—	24.30	
		46	0.60	0.90		24.84	
						119.34 Sq	
						1963.65 Sq	234536
						1963	980180
						98017 = Add Ld. Kpcl	980180

E.E. (D)

ಕಚೇರಿ ಕಾರ್ಯ-ಪಾಲಕ ಅಭಿಯಂತರರು
ಪೌರಾಡಳಿತ ಉಪವಿಭಾಗ, ಬಾಗೇಪಲ್ಲಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಸಂ 75, ರಜಪೇಟ್ಟಾಗ, ಬೆಂಗಳೂರು

1078192=00

933210=00

144982=00

M. A. R. 57 (Rule 116)

Measurement Book

No. B 180413

Audited and admitted Rupees ..... Passed by Chief ... for Rs. .....

Serial No. .....

Name of work ..... From .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
	3	4	5	6	7	8
				Grand Total		10,78,192=00

1078192=00

Certified that the Agency has done Satisfactorily

2) The Agency has secured debris from NZR Spot

AO 21-7-14

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕಟ್ಟಡಗಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremer
		Number	Length	Breadth	Depth		
1	2 Sketch	Sketch	4	5			

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚೆಬ್ಬಕಟ್ಟೆ ಉಪವಿಭಾಗ, ರಾಜರಾಜೇಶ್ವರಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು